

Transactions of the American Mathematical Society

AUTHOR INDEX

1986, Volumes 293-298

Throughout this Index, bold numerals are used to denote the volume number; lightface numerals denote the pages.

- Adams, David R. *Weighted nonlinear potential theory*, **297**, 73.
- Aisbett, Janet. *On  $K_3$  of truncated polynomial rings*, **294**, 517.
- Akemann, Charles A., Anderson, Joel and Pedersen, Gert K. *Diffuse sequences and perfect  $C^*$ -algebras*, **298**, 747.
- Albrecht, Ulrich. *Baer's Lemma and Fuchs' Problem 84a*, **293**, 565.
- Ali Khan, M. *Equilibrium points of nonatomic games over a Banach space*, **293**, 737.
- Allday, Christopher and Puppe, Volker. *On the rational homotopy Lie algebra of a fixed point set of a torus action*, **297**, 521.
- Alon, N., Frankl, P. and Lovász, L. *The chromatic number of Kneser hypergraphs*, **298**, 359.
- Amann, Herbert. *Quasilinear evolution equations and parabolic systems*, **293**, 191.
- Amick, C. J. and Turner, R. E. L. *A global theory of internal solitary waves in two-fluid systems*, **298**, 431.
- Andersen, Henning Haahr. *On the generic structure of cohomology modules for semisimple algebraic groups*, **295**, 397.
- Anderson, G. D., Vamanamurthy, M. K. and Vuorinen, M. *Dimension-free quasiconformal distortion in  $n$ -space*, **297**, 687.
- Anderson, Joel. See Akemann, Charles A.
- Anderson, Robert M. *"Almost" implies "near"*, **296**, 229.
- Andrews, George E. *The fifth and seventh order mock theta functions*, **293**, 113.
- Anick, David J. *On the homology of associative algebras*, **296**, 641.
- Ash, C. J. *Recursive labelling systems and stability of recursive structures in hyperarithmetical degrees*, **298**, 497.
- Athanassov, Zhivko S. *Total stability of sets for nonautonomous differential systems*, **295**, 649.
- Attouch, Hedy and Wets, Roger J. B. *Isometries for the Legendre-Fenchel transform*, **296**, 33.
- Auslander, Maurice. *Rational singularities and almost split sequences*, **293**, 511.
- Auslander, Maurice and Reiten, Idun. *McKay quivers and extended Dynkin diagrams*, **293**, 293.
- Avenhaus, J., Madlener, K. and Otto, F. *Groups presented by finite two-monadic Church-Rosser Thue systems*, **297**, 427.
- Bagby, Richard J. and Kurtz, Douglas S. *A rearranged good  $\lambda$  inequality*, **293**, 71.
- Ball, Richard N., Conrad, Paul and Darnel, Michael. *Above and below subgroups of a lattice-ordered group*, **297**, 1.
- Bañuelos, Rodrigo. *Martingale transforms and related singular integrals*, **293**, 547.
- Barlow, Martin T. and Perkins, Edwin A. *Brownian motion at a slow point*, **296**, 741.
- Barron, Emmanuel Nicholas and Jensen, Robert. *The Pontryagin Maximum Principle from dynamic programming and viscosity solutions to first-order partial differential equations*, **298**, 635.
- Bauman, Patricia and Phillips, Daniel. *Large-time behavior of solutions to a scalar conservation law in several space dimensions*, **298**, 401.
- Baxter, J. R., Chacon, R. V. and Jain, N. C. *Weak limits of stopped diffusions*, **293**, 767.
- Beardon, A. F., Lehner, J. and Sheingorn, M. *Closed geodesics on a Riemann surface with application to the Markov spectrum*, **295**, 635.
- Bedford, Eric and Taylor, B. A. *The complex equilibrium measure of a symmetric convex set in  $\mathbb{R}^n$* , **294**, 705.
- Bekolle, David. *The dual of the Bergman space  $A^1$  in symmetric Siegel domains of type II*, **296**, 607.
- . *The Bergman projection of  $L^\infty$  in tubes over cones of real, symmetric, positive-definite matrices*, **296**, 621.

Transactions of the American Mathematical Society

AUTHOR INDEX

1986, Volumes 293-298

Throughout this Index, bold numerals are used to denote the volume number; lightface numerals denote the pages.

- Adams, David R. *Weighted nonlinear potential theory*, **297**, 73.
- Aisbett, Janet. *On  $K_3$  of truncated polynomial rings*, **294**, 517.
- Akemann, Charles A., Anderson, Joel and Pedersen, Gert K. *Diffuse sequences and perfect  $C^*$ -algebras*, **298**, 747.
- Albrecht, Ulrich. *Baer's Lemma and Fuchs' Problem 84a*, **293**, 565.
- Ali Khan, M. *Equilibrium points of nonatomic games over a Banach space*, **293**, 737.
- Allday, Christopher and Puppe, Volker. *On the rational homotopy Lie algebra of a fixed point set of a torus action*, **297**, 521.
- Alon, N., Frankl, P. and Lovász, L. *The chromatic number of Kneser hypergraphs*, **298**, 359.
- Amann, Herbert. *Quasilinear evolution equations and parabolic systems*, **293**, 191.
- Amick, C. J. and Turner, R. E. L. *A global theory of internal solitary waves in two-fluid systems*, **298**, 431.
- Andersen, Henning Haahr. *On the generic structure of cohomology modules for semisimple algebraic groups*, **295**, 397.
- Anderson, G. D., Vamanamurthy, M. K. and Vuorinen, M. *Dimension-free quasiconformal distortion in  $n$ -space*, **297**, 687.
- Anderson, Joel. See Akemann, Charles A.
- Anderson, Robert M. *"Almost" implies "near"*, **296**, 229.
- Andrews, George E. *The fifth and seventh order mock theta functions*, **293**, 113.
- Anick, David J. *On the homology of associative algebras*, **296**, 641.
- Ash, C. J. *Recursive labelling systems and stability of recursive structures in hyperarithmetical degrees*, **298**, 497.
- Athanassov, Zhivko S. *Total stability of sets for nonautonomous differential systems*, **295**, 649.
- Attouch, Hedy and Wets, Roger J. B. *Isometries for the Legendre-Fenchel transform*, **296**, 33.
- Auslander, Maurice. *Rational singularities and almost split sequences*, **293**, 511.
- Auslander, Maurice and Reiten, Idun. *McKay quivers and extended Dynkin diagrams*, **293**, 293.
- Avenhaus, J., Madlener, K. and Otto, F. *Groups presented by finite two-monadic Church-Rosser Thue systems*, **297**, 427.
- Bagby, Richard J. and Kurtz, Douglas S. *A rearranged good  $\lambda$  inequality*, **293**, 71.
- Ball, Richard N., Conrad, Paul and Darnel, Michael. *Above and below subgroups of a lattice-ordered group*, **297**, 1.
- Bañuelos, Rodrigo. *Martingale transforms and related singular integrals*, **293**, 547.
- Barlow, Martin T. and Perkins, Edwin A. *Brownian motion at a slow point*, **296**, 741.
- Barron, Emmanuel Nicholas and Jensen, Robert. *The Pontryagin Maximum Principle from dynamic programming and viscosity solutions to first-order partial differential equations*, **298**, 635.
- Bauman, Patricia and Phillips, Daniel. *Large-time behavior of solutions to a scalar conservation law in several space dimensions*, **298**, 401.
- Baxter, J. R., Chacon, R. V. and Jain, N. C. *Weak limits of stopped diffusions*, **293**, 767.
- Beardon, A. F., Lehner, J. and Sheingorn, M. *Closed geodesics on a Riemann surface with application to the Markov spectrum*, **295**, 635.
- Bedford, Eric and Taylor, B. A. *The complex equilibrium measure of a symmetric convex set in  $\mathbb{R}^n$* , **294**, 705.
- Bekolle, David. *The dual of the Bergman space  $A^1$  in symmetric Siegel domains of type II*, **296**, 607.
- . *The Bergman projection of  $L^\infty$  in tubes over cones of real, symmetric, positive-definite matrices*, **296**, 621.

- Berman, Robert D. *Some results concerning the boundary zero sets of general analytic functions*, 293, 827.
- Bertsch, M. and Hulshof, J. *Regularity results for an elliptic-parabolic free boundary problem*, 297, 337.
- Bertsch, M., de Mottoni, P. and Peletier, L. A. *The Stefan problem with heating: Appearance and disappearance of a mushy region*, 293, 677.
- Bieri, Robert and Groves, John R. J. *A rigidity property for the set of all characters induced by valuations*, 294, 425.
- Biggers, R. and Fried, M. *Irreducibility of moduli spaces of cyclic unramified covers of genus  $g$  curves*, 295, 59.
- Blattner, Robert J., Cohen, Miriam and Montgomery, Susan. *Crossed products and inner actions of Hopf algebras*, 298, 671.
- Block, L. S. and Coppel, W. A. *Stratification of continuous maps of an interval*, 297, 587.
- Boratyński, M. *On a conormal module of smooth set theoretic complete intersections*, 296, 291.
- Bourgain, J. *On the dichotomy problem for tensor algebras*, 293, 793.
- Bourgain, J. and Davis, W. J. *Martingale transforms and complex uniform convexity*, 294, 501.
- Bourgain, J., Milman, V. and Wolfson, H. *On type of metric spaces*, 294, 295.
- Boyer, Steven. *Simply-connected 4-manifolds with a given boundary*, 298, 331.
- Bradley, Richard C. *A bilaterally deterministic  $p$ -mixing stationary random sequence*, 294, 233.
- Brothers, John E. *Stability of minimal orbits*, 294, 537.
- Burday, Krzysztof. *Brownian excursions from hyperplanes and smooth surfaces*, 295, 35.
- Burday, Krzysztof and Williams, Ruth J. *On Brownian excursions in Lipschitz domains. Part I. Local path properties*, 298, 289.
- Caffarelli, Luis A. and Friedman, Avner. *The blow-up boundary for nonlinear wave equations*, 297, 223.
- Campbell, H. E. A., Cohen, F. R., Peterson, F. P. and Selick, P. S. *Self-maps of loop spaces. II*, 293, 41.
- Campbell, H. E. A., Peterson, F. P. and Selick, P. S. *Self-maps of loop spaces. I*, 293, 1.
- Cano, F. *Desingularizations of plane vector fields*, 296, 83.
- Cantrell, Robert Stephen. *On coupled multiparameter nonlinear elliptic systems*, 294, 263.
- Carlin, Kevin J. *Extensions of Verma modules*, 294, 29.
- Carlson, James A. *Bounds on the dimension of variations of Hodge structure*, 294, 45.
- Carothers, N. L. and Turett, B. *Isometries on  $L_{p,1}$* , 297, 95.
- Carter, J. Scott. *Surgery on codimension one immersions in  $\mathbb{R}^{n+1}$ : removing  $n$ -tuple points*, 298, 83.
- . *On generalizing Boy's surface: constructing a generator of the third stable stem*, 298, 103.
- Carverhill, A. P. and Elworthy, K. D. *Lyapunov exponents for a stochastic analogue of the geodesic flow*, 295, 85.
- Chacon, R. V. See Baxter, J. R.
- Chanillo, Sagun, Kurtz, Douglas S. and Sampson, Gary. *Weighted weak  $(1,1)$  and weighted  $L^p$  estimates for oscillating kernels*, 295, 127.
- Chanillo, Sagun and Muckenhoupt, Benjamin. *Weak type estimates for Bochner-Riesz spherical summation multipliers*, 294, 693.
- Charatonik, J. J. and Maćkowiak, T. *Around Effros' theorem*, 298, 579.
- Chen, Kuo-Tsai. *Smooth maps, pullback path spaces, connections, and torsions*, 297, 617.
- Cherlin, G. and Lachlan, A. H. *Stable finitely homogeneous structures*, 296, 815.
- Childs, Lindsay N. and Hurley, Susan. *Tameness and local normal bases for objects of finite Hopf algebras*, 298, 763.
- Chou, Wu-Nan. *Classification of metabelian  $p$ -groups*, 294, 151.
- Cifuentes, Patricio.  *$HP$ -classes on rank one symmetric spaces of noncompact type. I. Nontangential and probabilistic maximal functions*, 294, 133.
- Cima, Joseph A. and Straube, Emil J. *Boundary uniqueness theorems in  $\mathbb{C}^n$* , 294, 333.
- Clapp, Mónica and Puppe, Dieter. *Invariants of the Lusternik-Schnirelmann type and the topology of critical sets*, 298, 603.
- Cochran, T. D. and Lickorish, W. B. R. *Unknotting information from 4-manifolds*, 297, 125.
- Cochrane, Todd. *The distribution of solutions to equations over finite fields*, 293, 819.
- Cohen, F. R. See Campbell, H. E. A.

- Cohen, Miriam. See Blattner, Robert J.
- Comets, F., Eisele, Th. and Schatzman, M. *On secondary bifurcations for some nonlinear convolution equations*, 296, 661.
- Conrad, Paul. See Ball, Richard N.
- Coppel, W. A. See Block, L. S.
- Cowling, M. and Mauceri, G. *Inequalities for some maximal functions. II*, 296, 341.
- Coordas, George, Norfolk, Timothy S. and Varga, Richard S. *The Riemann hypothesis and the Turán inequalities*, 296, 521.
- Dahn, Bernd I. *Fine structure of the integral exponential functions below  $2^{2^x}$* , 297, 707.
- D'Angelo, John P. *Defining equations for real analytic real hypersurfaces in  $\mathbb{C}^n$* , 295, 71.
- Darnel, Michael. See Ball, Richard N.
- Davey, Brian A. and Kovács, L. G. *Absolute subretracts and weak injectives in congruence modular varieties*, 297, 181.
- Davis, Donald M., Johnson, David C., Klippenstein, John, Mahowald, Mark and Wegmann, Steven. *The spectrum  $(P \wedge BP(2))_{-\infty}$* , 296, 95.
- Davis, W. J. See Bourgain, J.
- DeBlassie, R. Dante.  *$L^p$  inequalities for stopping times of diffusions*, 295, 765.
- Degond, Pierre. *Spectral theory of the linearized Vlasov-Poisson equation*, 294, 435.
- DeSanti, Albert J. *Singularly perturbed quadratically nonlinear Dirichlet problems*, 298, 733.
- DeVore, Ronald A. and Yu, Xiang-Ming. *Multivariate rational approximation*, 293, 161.
- Dieterich, Ernst and Wiedemann, Alfred. *The Auslander-Reiten quiver of a simple curve singularity*, 294, 455.
- Dodds, P. G., de Pagter, B. and Ricker, W. *Reflexivity and order properties of scalar-type spectral operators in locally convex spaces*, 293, 355.
- Dorronsoro, José R. *Poisson integrals of regular functions*, 297, 669.
- Duren, Peter and Ünal, Aygenur. *Regions of variability for univalent functions*, 295, 119.
- Easton, Robert W. *Trellises formed by stable and unstable manifolds in the plane*, 294, 719.
- Edmonds, Allan L. *A topological proof of the Equivariant Dehn Lemma*, 297, 605.
- Eie, Minking. *Contributions from conjugacy classes of regular elliptic elements in hermitian modular groups to the dimension formula of hermitian modular cusp forms*, 294, 635.
- Eisele, Th. See Comets, F.
- Ejiri, Norio. *Equivariant minimal immersions of  $S^2$  into  $S^{2m}(1)$* , 297, 105.
- Elcrat, Alan R. and Lancaster, Kirk E. *Boundary behavior of a nonparametric surface of prescribed mean curvature near a reentrant corner*, 297, 645.
- Elton, John, Hill, Theodore P. and Kertz, Robert P. *Optimal-partitioning inequalities for nonatomic probability measures*, 296, 703.
- Elworthy, K. D. See Carverhill, A. P.
- Esteban, M. J. *On periodic solutions of superlinear parabolic problems*, 293, 171.
- Etgen, G. J., Jones, G. D. and Taylor, W. E., Jr. *On the factorizations of ordinary linear differential operators*, 297, 717.
- Evans, W. D. and Lewis, Roger T. *Eigenvalues below the essential spectra of singular elliptic operators*, 297, 197.
- Farnsteiner, Rolf. *The associative forms of the graded Cartan type Lie algebras*, 295, 417.
- Felix, Rainer. *Solvability of differential equations with linear coefficients of real type*, 293, 583.
- Ferry, Steven C. and Wasserman, Arthur G. *Morse theory for codimension-one foliations*, 298, 227.
- Finston, David R. *On multiplication algebras*, 293, 807.
- Fitzpatrick, P. M., Massabó, I. and Pejsachowicz, J. *On the covering dimension of the set of solutions of some nonlinear equations*, 296, 777.
- Fleckinger, Jacqueline and Lapidus, Michel L. *Eigenvalues of elliptic boundary value problems with an indefinite weight function*, 295, 305.
- Fleissner, William G. *Left separated spaces with point-countable bases*, 294, 665.
- Flicker, Yuval Z. *Unitary quasi-lifting: Applications*, 294, 553.
- Foreman, Matthew. *Potent axioms*, 294, 1.
- Formanek, Edward. *Functional equations for character series associated with  $n \times n$  matrices*, 294, 647.

- Forstnerič, Franc. *Embedding strictly pseudoconvex domains into balls*, 295, 347.
- Fox, Jeffrey. *Frobenius reciprocity and extensions of nilpotent Lie groups*, 298, 123.
- Frankl, P. See Alon, N.
- Frankl, Peter and Rödl, Vojtech. *All triangles are Ramsey*, 297, 777.
- Franzosa, Robert. *Index filtrations and the homology index braid for partially ordered Morse decompositions*, 298, 193.
- Fried, David. *Word maps, isotopy and entropy*, 296, 851.
- Fried, M. See Biggers, R.
- Friedman, Avner. See Caffarelli, Luis A.
- Fuchs, L. and Hill, P. *The balanced-projective dimension of abelian p-groups*, 293, 99.
- Fuller, K. R. and Zimmermann-Huisgen, B. *On the generalized Nakayama conjecture and the Cartan determinant problem*, 294, 679.
- Galé, José E. *Unicity of a holomorphic functional calculus in infinite dimensions*, 295, 501.
- Gauchman, Hillel. *Minimal submanifolds of a sphere with bounded second fundamental form*, 298, 779.
- Goerss, Paul G., Jones, John D. S. and Mahowald, Mark E. *Some generalized Brown-Gitler spectra*, 294, 113.
- Goldman, William M. and Hirsch, Morris W. *Affine manifolds and orbits of algebraic groups*, 295, 175.
- Gottlieb, Daniel Henry. *The trace of an action and the degree of a map*, 293, 381.
- Graff, Richard A. *A simple theory of differential calculus in locally convex spaces*, 293, 485.
- Graham, R. L. and Winkler, P. M. *Corrigendum to "On isometric embeddings of graphs"*, 294, 379.
- Granirer, Edmond E. *A strong containment property for discrete amenable groups of automorphisms on  $W^*$  algebras*, 297, 753.
- Groves, John R. J. See Bieri, Robert.
- Gutiérrez, C. and Sotomayor, J. *Principal lines on surfaces immersed with constant mean curvature*, 293, 751.
- Hajnal, A., Juhász, I. and Shelah, S. *Splitting strongly almost disjoint families*, 295, 369.
- Halchin, Judy and Petersen, Karl. *Random power series generated by ergodic transformations*, 297, 461.
- Hanges, Nicholas. *Almost Mizohata operators*, 293, 663.
- Hansell, R. W. *Topological properties of Souslin subsets*, 293, 613.
- Harabetian, Eduard. *A convergent series expansion for hyperbolic systems of conservation laws*, 294, 383.
- Harrell, Evans M. II and Svirsky, Roman. *Potentials producing maximally sharp resonances*, 293, 723.
- Harrison, K. J. and Longstaff, W. E. *Automorphic images of commutative subspace lattices*, 296, 217.
- Hatori, Osamu. *Range transformations on a Banach function algebra*, 297, 629.
- Hauschild, Volker. *The Euler characteristic as an obstruction to compact Lie group actions*, 298, 549.
- Henderson, David W. *Simplexwise linear untangling*, 298, 215.
- Henson, C. Ward and Rubel, Lee A. *Correction to "Some applications of Nevanlinna theory to mathematical logic: Identities of exponential functions"*, 294, 381.
- Herrero, Domingo A. *The diagonal entries in the formula 'quasitriangular - compact = triangular', and restrictions of quasitriangularity*, 298, 1.
- Herzog, J., Rossi, M. E. and Valla, G. *On the depth of the symmetric algebra*, 296, 577.
- Hildebrand, Adolf. *On the local behavior of  $\Psi(x, y)$* , 297, 729.
- Hildebrand, Adolf and Tenenbaum, Gérald. *On integers free of large prime factors*, 296, 265.
- Hill, P. See Fuchs, L.
- Hill, Paul and Megibben, Charles. *Axiom 3 modules*, 295, 715.
- . *Torsion free groups*, 295, 735.
- Hill, Theodore P. See Elton, John.
- Hirsch, Morris W. See Goldman, William M.
- Hoa, Lê Tuấn. See Trung, Ngô Việt.
- Horwitz, A. and Newman, D. J. *An extremal problem for analytic functions with prescribed zeros and  $r$ th derivative in  $H^\infty$* , 295, 699.
- Hoste, Jim. *A formula for Casson's invariant*, 297, 547.
- Howard, Ralph and Wei, S. Walter. *Nonexistence of stable harmonic maps to and from certain homogeneous spaces and submanifolds of Euclidean space*, 294, 319.
- Hsu, Pei. *On excursions of reflecting Brownian motion*, 296, 239.

- Hulshof, J. See Bertsch, M.
- Hurley, Mike. *Fixed points of topologically stable flows*, 294, 625.  
 ———. *Attracting orbits in Newton's method*, 297, 143.
- Hurley, Susan. See Childs, Lindsay N.
- Ichihara, Kanji. *Explosion problems for symmetric diffusion processes*, 298, 515.
- Isbell, John. *Erratum to "Generic algebras"*, 295, 429.
- Ismail, Mourad E. H. *On sieved orthogonal polynomials. III: Orthogonality on several intervals*, 294, 89.
- Jacob, Bill and Wadsworth, Adrian R. *A new construction of noncrossed product algebras*, 293, 693.
- Jacobsen, Lisa. *General convergence of continued fractions*, 294, 477.
- Jain, N. C. See Baxter, J. R.
- Jensen, Robert. See Barron, Emmanuel Nicholas.
- Jia, Rong-Qing. *Approximation order from certain spaces of smooth bivariate splines on a three-direction mesh*, 295, 199.
- Johnsen, Trygve. *The singularities of the 3-secant curve associated to a space curve*, 295, 107.
- Johnson, David C. See Davis, Donald M.
- Jones, G. D. See Etgen, G. J.
- Jones, John D. S. See Goerss, Paul G.
- Jones, Lowell. *Anosov diffeomorphisms and expanding immersions. II*, 294, 197.
- Joshua, Roy. *Spanier-Whitehead duality in étale homotopy*, 296, 151.
- Juhász, I. See Hajnal, A.
- Kahn, Peter J. *Rational Moore  $G$ -spaces*, 298, 245.  
 ———. *Equivariant homology decompositions*, 298, 273.
- Kallman, Robert R. *Uniqueness results for homeomorphism groups*, 295, 389.
- Kamishima, Yoshinobu. *Conformally flat manifolds whose development maps are not surjective. I*, 294, 607.
- Kan, Ittai. *Strange attractors of uniform flows*, 293, 135.
- Kanjin, Yūichi. *On algebras with convolution structures for Laguerre polynomials*, 295, 783.
- Kato, Hisao. *Shape properties of Whitney maps for hypersurfaces*, 297, 529.
- Kawohl, Bernhard. *On starshaped rearrangement and applications*, 296, 377.
- Kennedy, Judy and Rogers, James T., Jr. *Orbits of the pseudocircle*, 296, 327.
- Kertz, Robert P. See Elton, John.
- Kim, Jong Uhn. *On the Cauchy problem associated with the motion of a Bingham fluid in the plane*, 298, 371.
- Kimura, Makoto. *Real hypersurfaces and complex submanifolds in complex projective space*, 296, 137.
- Kirby, L. A. S. and Pillay, A. *Weakly definable types*, 295, 547.
- Klimek, M. *Joint spectra and analytic set-valued functions*, 294, 187.
- Klippenstein, John. See Davis, Donald M.
- Knight, Julia F., Pillay, Anand and Steinhorn, Charles. *Definable sets in ordered structures. II*, 295, 593.
- Kouba, D. A. and Locker, John. *Regularization for  $n$ th-order linear boundary value problems using  $m$ th-order differential operators*, 293, 229.
- Kovács, L. G. See Davey, Brian A.
- Kowalski, Oldfich and Vanhecke, Lieven.  *$G$ -deformations and some generalizations of H. Weyl's tube theorem*, 294, 799.
- Kozłowski, A. *Equivariant bundles and cohomology*, 296, 181.
- Kramer, David. *Spherical polynomials and the periods of a certain modular form*, 294, 595.
- Kroó, András. *Chebyshev rank in  $L_1$ -approximation*, 296, 301.
- Kung, Joseph P. S. *Growth rates and critical exponents of classes of binary combinatorial geometries*, 293, 837.
- Kurtz, Douglas S. See Bagby, Richard J.  
 ———. See Chanillo, Sagun.
- Lachlan, A. H. See Cherlin, G.
- Lancaster, Kirk E. See Elcrat, Alan R.



- Lapidus, Michel L. See Fleckinger, Jacqueline.
- Larson, David R. *Hyperreflexivity and a dual product construction*, 294, 79.
- Latiolais, M. Paul. *Simple homotopy type of finite 2-complexes with finite abelian fundamental group*, 293, 655.
- Ledoux, Michel. *The law of the iterated logarithm in uniformly convex Banach spaces*, 294, 351.
- Lee, John M. *The Fefferman metric and pseudohermitian invariants*, 296, 411.
- Legrand, Claude. *Homologie de l'espace des sections d'un fibré*, 297, 445.
- Lehner, J. See Beardon, A. F.
- Levin, A. L. and Lubinsky, D. S. *Best rational approximations of entire functions whose Maclaurin series coefficients decrease rapidly and smoothly*, 293, 533.
- Lévy-Bruhl, Pierre. *Conditions suffisantes de résolubilité locale pour des opérateurs invariants à gauche sur des groupes nilpotents. II*, 293, 593.
- Lewis, Roger T. See Evans, W. D.
- Lickorish, W. B. R. See Cochran, T. D.
- Lieberman, Gary M. and Trudinger, Neil S. *Nonlinear oblique boundary value problems for nonlinear elliptic equations*, 295, 509.
- Liem, Vo Thanh. *On  $R^\infty(Q^\infty)$ -manifold bundles over CW complexes*, 297, 563.
- Lien, Magnhild. *Construction of high dimensional knot groups from classical knot groups*, 298, 713.
- Liu, Ming-Chit. *Bounds for prime solutions of some diagonal equations. II*, 297, 415.
- Locker, John. See Kouba, D. A.
- Lockhart, P. and Straus, E. G. *Entire functions which are infinitely integer valued at a finite number of points*, 293, 643.
- Longstaff, W. E. See Harrison, K. J.
- Lovász, L. See Alon, N.
- Lubinsky, D. S. See Levin, A. L.
- Luckhaus, Stephan. *Global boundedness for a delay differential equation*, 294, 767.
- Lutwak, Erwin. *Volume of mixed bodies*, 294, 487.
- McCurley, Kevin S. *The least  $r$ -free number in an arithmetic progression*, 293, 467.
- Maćkowiak, T. See Charatonik, J. J.
- Madlener, K. See Avenhaus, J.
- Mahowald, Mark. See Davis, Donald M.
- . See Goerss, Paul G.
- Mair, B. A. *Boundary behavior of positive solutions of the heat equation on a semi-infinite slab*, 295, 687.
- Mann, Benjamin M., Miller, Edward Y. and Miller, Haynes R.  *$S^1$ -equivariant function spaces and characteristic classes*, 295, 233.
- Martindale, Wallace S. III. *The normal closure of the coproduct of rings over a division ring*, 293, 303.
- Martin-Reyes, F. J. *Inequalities for the ergodic maximal function and convergence of the averages in weighted  $L^p$ -spaces*, 296, 61.
- Massabó, I. See Fitzpatrick, P. M.
- Mattei, J. F. and Teixeira, M. A. *Vector fields in the vicinity of a circle of critical points*, 297, 369.
- Mauceri, G. See Cowling, M.
- Mauldin, R. Daniel and Williams, S. C. *Random recursive constructions: Asymptotic geometric and topological properties*, 295, 325.
- . *On the Hausdorff dimension of some graphs*, 298, 793.
- Megibben, Charles. See Hill, Paul.
- Metivier, Guy. *Interaction de deux chocs pour un système de deux lois de conservation, en dimension deux d'espace*, 296, 431.
- Meyerowicz, Aaron and Schwartz, Mark. *Dominated permutations of subsequences of random variables*, 294, 287.
- Migliore, Juan. *On linking double lines*, 294, 177.
- Milgram, R. J. and Ranicki, Andrew. *Some product formulae for nonsimply connected surgery problems*, 297, 383.
- Miller, Edward Y. See Mann, Benjamin M.
- Miller, Haynes R. See Mann, Benjamin M.

- Milman, V. See Bourgain, J.
- Moerdijk, I. and Wraith, G. C. *Connected locally connected toposes are path-connected*, 295, 849.
- Montgomery, Susan. See Blattner, Robert J.
- Morgan, Frank. *A regularity theorem for minimizing hypersurfaces modulo  $\nu$* , 297, 243.
- Móricz, F. *On the a.e. convergence of the arithmetic means of double orthogonal series*, 297, 763.
- de Mottoni, P. See Bertsch, M.
- Muckenhoupt, Benjamin. See Chanillo, Sagun.
- Murasugi, Kunio. *Jones polynomials of alternating links*, 295, 147.
- Neidhardt, Wayne. *The BGG resolution, character and denominator formulas and related results of Kac-Moody algebras*, 297, 487.
- Neubrandner, Frank. *Well-posedness of higher order abstract Cauchy problems*, 295, 257.
- Newman, D. J. See Horwita, A.
- Ni, Wei-Ming and Takagi, Izumi. *On the Neumann problem for some semilinear elliptic equations and systems of activator-inhibitor type*, 297, 351.
- Norfolk, Timothy S. See Csordas, George.
- Norris, J. R., Rogers, L. C. G. and Williams, David. *Brownian motions of ellipsoids*, 294, 757.
- Norton, Alec. *A critical set with nonnull image has large Hausdorff dimension*, 296, 367.
- Oliker, V. I. *The problem of embedding  $S^n$  into  $R^{n+1}$  with prescribed Gauss curvature and its solution by variational methods*, 295, 291.
- Onishi, Hironori. *Conjugacy problem in  $GL_2(\mathbb{Z}[\sqrt{-1}])$  and units of quadratic extensions of  $\mathbb{Q}(\sqrt{-1})$* , 293, 83.
- Otto, F. See Avenhaus, J.
- Pacella, Filomena. *Equivariant Morse theory for flows and an application to the  $N$ -body problem*, 297, 41.
- de Pagter, B. See Dodds, P. G.
- Pahk, Dae Hyeon. *Hypoelliptic convolution equations in the space  $K'_e$* , 298, 485.
- Pastijn, Francis and Petrich, Mario. *Congruences on regular semigroups*, 295, 607.
- Patterson, S. E.  *$\Omega$ -stable limit set explosions*, 294, 775.
- Pedersen, Gert K. See Akemann, Charles A.
- Pejsachowicz, J. See Fitzpatrick, P. M.
- Peletier, L. A. See Bertsch, M.
- Perkins, Edwin A. See Barlow, Martin T.
- Petersen, Karl. See Halchin, Judy.
- Peterson, F. P. See Campbell, H. E. A.
- Petrich, Mario. See Pastijn, Francis.
- Pfeffer, W. F. *The divergence theorem*, 295, 665.
- Phillips, Daniel. See Bauman, Patricia.
- Pillay, Anand. See Kirby, L. A. S.
- . See Knight, Julia F.
- Pillay, Anand and Steinhorn, Charles. *Definable sets in ordered structures. I*, 295, 565.
- Platt, M. L. *Insufficiency of Torres' conditions for two-component classical links*, 296, 125.
- Plotnick, Steven P. *Equivariant intersection forms, knots in  $S^4$ , and rotations in 2-spheres*, 296, 543.
- Pol, Roman. *Countable dimensional universal sets*, 297, 255.
- Pukanszky, L. *Quantization and Hamiltonian  $G$ -foliations*, 295, 811.
- Puppe, Dieter. See Clapp, Mónica.
- Puppe, Volker. See Allday, Christopher.
- Ranicki, Andrew. See Milgram, R. J.
- Reed, G. M. *The intersection topology w.r.t. the real line and the countable ordinals*, 297, 509.
- Reilly, N. R. and Trotter, P. G. *Properties of relatively free inverse semigroups*, 294, 243.
- Reiten, Idun. See Auslander, Maurice.
- Renardy, Michael. *Dense imbedding of test functions in certain function spaces*, 298, 241.
- Ricker, W. See Dodds, P. G.
- Rödl, Vojtech. See Frankl, Peter.
- Rogers, James T., Jr. See Kennedy, Judy.



- Rogers, L. C. G. See Norris, J. R.
- Rosay, Jean-Pierre. *A propos de "wedges" et d'"edges," et de prolongements holomorphes*, 297, 63.
- Rosenberg, Harold. *Deformations of complete minimal surfaces*, 295, 475.
- Rosenberg, Harold and Toubiana, Eric. *Some remarks on deformations of minimal surfaces*, 295, 491.
- Rossi, M. E. See Herzog, J.
- Rothstein, Mitchell J. *The axioms of supermanifolds and a new structure arising from them*, 297, 159.
- Rubel, Lee A. See Henson, C. Ward.
- Ruiz Blasco, Francisco J. and Torrea Hernandez, José L. *Weighted and vector-valued inequalities for potential operators*, 295, 213.
- Salisbury, Thomas S. *A Martin boundary in the plane*, 293, 623.
- Sampson, Gary. See Chanillo, Sagun.
- Sato, Shuichi. *Maximal functions associated with curves and the Calderón-Zygmund method of rotations*, 293, 799.
- Sawyer, E. *Weighted inequalities for the one-sided Hardy-Littlewood maximal functions*, 297, 53.
- Schatzman, M. See Comets, F.
- Schechter, Martin. *Derivatives of mappings with applications to nonlinear differential equations*, 293, 53.
- Schmerl, James H. *Peano arithmetic and hyper-Ramsey logic*, 296, 481.
- Schwartz, Mark. See Meyerowitz, Aaron.
- Selick, P. S. See Campbell, H. E. A.
- Shapiro, Victor L. *Resonance and quasilinear ellipticity*, 294, 567.
- Sheingorn, M. See Beardon, A. F.
- Shelah, S. See Hajnal, A.
- Shen, Li-Chien. *On the zeros of successive derivatives of even Laguerre-Polya functions*, 298, 643.
- Shiota, Masahiro. *Approximation theorems for Nash mappings and Nash manifolds*, 293, 319.
- Singer, Michael F. *Algebraic relations among solutions of linear differential equations*, 295, 753.
- Slodkowski, Zbigniew. *An analytic set-valued selection and its applications to the corona theorem, to polynomial hulls and joint spectra*, 294, 367.
- . *Analytic perturbation of the Taylor spectrum*, 297, 319.
- Smítal, J. *Chaotic functions with zero topological entropy*, 297, 269.
- Smolinsky, L. *Doubly sliced knots which are not the double of a disk*, 298, 723.
- Snow, Dennis M. *On the ampleness of homogeneous vector bundles*, 294, 585.
- Sols, Ignacio. *Construction of a family of non-self-dual gauge fields*, 297, 505.
- Sotomayor, J. See Gutiérrez, C.
- Steinhorn, Charles. See Knight, Julia F.
- . See Pillay, Anand.
- Sternberg, Natalia. *Blow up near higher modes of nonlinear wave equations*, 296, 315.
- Stiller, Peter F. *Vector bundles on complex projective spaces and systems of partial differential equations. I*, 298, 537.
- Straube, Emil J. See Cima, Joseph A.
- Straus, E. G. See Lockhart, P.
- Strichartz, Robert S. *Harmonic analysis on Grassmannian bundles*, 296, 387.
- Sueiro, Juan. *On maximal functions and Poisson-Szegő integrals*, 298, 653.
- Sullivan, Dennis, Weiss, B. and Wright, J. D. Maitland. *Generic dynamics and monotone complete  $C^*$ -algebras*, 295, 795.
- Svirsky, Roman. See Harrell, Evans M. II.
- Szarek, Stanislaw J. *On the existence and uniqueness of complex structure and spaces with "few" operators*, 293, 339.
- Takagi, Izumi. See Ni, Wei-Ming.
- Talagrand, Michel. *Derivation,  $L^\infty$ -bounded martingales and covering conditions*, 293, 257.
- Tanaka, Jun-ichi. *Distant future and analytic measures*, 296, 799.
- Taylor, B. A. See Bedford, Eric.
- Taylor, Thomas. *A parametriz for step-two hypoelliptic diffusion equations*, 296, 191.
- Taylor, W. E., Jr. See Etgen, G. J.

- Teixeira, M. A. See Mattei, J. F.
- Temple, Blake. *Decay with a rate for noncompactly supported solutions of conservation laws*, 298, 43.
- Tenenbaum, Gérald. See Hildebrand, Adolf.
- Thomason, Andrew. *Paths and cycles in tournaments*, 296, 167.
- Torrea Hernandez, José L. See Ruiz Blasco, Francisco J.
- Toubiana, Eric. See Rosenberg, Harold.
- Treiman, Jay S. *Clarke's gradients and epsilon-subgradients in Banach spaces*, 294, 65.
- Trench, William F. *Extensions of a theorem of Wintner on systems with asymptotically constant solutions*, 293, 477.
- . *Existence and nonoscillation theorems for an Emden-Fowler equation with deviating argument*, 294, 217.
- Trotter, P. G. See Reilly, N. R.
- Trudinger, Neil S. See Lieberman, Gary M.
- Trung, Ngô Việt and Hoa, Lê Tuân. *Affine semigroups and Cohen-Macaulay rings generated by monomials*, 298, 145.
- Tsau, Chichen M. *Algebraic meridians of knot groups*, 294, 733.
- Tsuyumine, Shigeaki. *Factorial property of a ring of automorphic forms*, 296, 111.
- Turett, B. See Carothers, N. L.
- Turner, R. E. L. See Amick, C. J.
- Uher, Jaromir. *Symmetric semicontinuity implies continuity*, 293, 421.
- Ünal, Aygenur. See Duren, Peter.
- Valla, G. See Herzog, J.
- Vamanamurthy, M. K. See Anderson, G. D.
- Vanhecke, Lieven. See Kowalski, Oldrich.
- Varga, Richard S. See Csordas, George.
- Vaserstein, Leonid N. *Vector bundles and projective modules*, 294, 749.
- Velicković, Boban. *Playful Boolean algebras*, 296, 727.
- Venakides, Stephanos. *Long time asymptotics of the Korteweg-de Vries equation*, 293, 411.
- Verdera, Joan. *BMO rational approximation and one-dimensional Hausdorff content*, 297, 283.
- Vuorinen, M. See Anderson, G. D.
- Wadsworth, Adrian R. See Jacob, Bill.
- Waksman, Peter. *Hypothesis testing in integral geometry*, 296, 507.
- Wallace, D. I. and Yamaguchi, Ryuji. *The Radon transform on  $SL(2, \mathbb{R})/SO(2, \mathbb{R})$* , 297, 305.
- Walters, Peter. *Relative pressure, relative equilibrium states, compensation functions and many-to-one codes between subshifts*, 296, 1.
- Waner, Stefan. *Fixed sets of framed  $G$ -manifolds*, 298, 421.
- Wasserman, Arthur G. See Ferry, Steven C.
- Wegmann, Steven. See Davis, Donald M.
- Wei, S. Walter. See Howard, Ralph.
- Weiner, Joel L. *The Gauss map for surfaces: Part 1. The affine case*, 293, 431.
- . *The Gauss map for surfaces: Part 2. The Euclidean case*, 293, 447.
- Weiss, B. See Sullivan, Dennis.
- Weiss, Richard. *A characterization and another construction of Janko's group  $J_3$* , 298, 621.
- Wets, Roger J. B. See Attouch, Hedy.
- White, Denis A. W. *Long-range potential scattering by Enss's method in two Hilbert spaces*, 295, 1.
- Wiedemann, Alfred. See Dieterich, Ernst.
- Williams, David. See Norris, J. R.
- Williams, Floyd L. *A solution of Warner's 3rd problem for representations of holomorphic type*, 293, 605.
- Williams, Ruth J. See Burdzy, Krzysztof.
- Williams, S. C. See Mauldin, R. Daniel.
- Winkler, P. M. See Graham, R. L.
- Wolfson, H. See Bourgain, J.
- Wraith, G. C. See Moerdijk, I.

- Wright, J. D. Maitland. See Sullivan, Dennis.
- Yamaguchi, Ryuji. See Wallace, D. I.
- Yamaguchi, Takao. *Locally geodesically quasiconvex functions on complete Riemannian manifolds*, **298**, 307.
- Yang, Jin-Gen. *On quintic surfaces of general type*, **295**, 431.
- Yasinovskaya, Victoria. *Cauchy problem for nonlinear hyperbolic systems of partial differential equations*, **297**, 651.
- Yokura, Shoji. *Polar classes and Segre classes of singular projective varieties*, **298**, 169.
- Yu, Qihuang and Zhong, Jia-Qing. *Lower bounds of the gap between the first and second eigenvalues of the Schrödinger operator*, **294**, 341.
- Yu, Xiang-Ming. See DeVore, Ronald A.
- Zhong, Jia-Qing. See Yu, Qihuang.
- Zimmermann-Huisgen, B. See Fuller, K. R.